

Name: \_\_\_\_\_

**p1106: Solve by factoring (v2)**

1. Solve the equation

$$x^2 + 2x - 48 = 0$$

2. Solve the equation

$$x^2 + 5x + 6 = 0$$

3. Solve the equation

$$5x^2 + 8x + 57 = 4x^2 - 6x + 8$$

4. Solve the equation

$$7x^2 + 2x - 23 = 6x^2 - 2x - 2$$

5. Solve the equation

$$2x^2 - 8x + 17 = x^2 + 2x - 4$$

6. Solve the equation

$$7x^2 + 40x - 12 = 0$$

7. Solve the equation

$$11x^2 - 18x - 8 = 0$$

8. Solve the equation

$$14x^2 - 28x + 3 = 3x^2 - 9x - 5$$

9. Solve the equation

$$13x^2 - 62x - 87 = 6x^2 - 8x - 6$$

10. Solve the equation

$$13x^2 - 50x + 11 = 2x^2 - 3x - 1$$